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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=19; hr=14; min=14; sec=45; ms=210; ]

=====

\*\*\*\*\*

Reviewer Comments:

<210> 53

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 53

ugccaucacu gaaucagac

19

Please remove the blank line between the <212> and the <213> lines above.

<210> 691

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc\_feature

<222> (1)..(1)

<223> 5'-3 attached terminal deoxyabasic moiety

<220>



<221> misc\_feature  
<222> (20)..(21)  
<223> n stands for any nucleotide

<220>  
<221> misc\_feature  
<222> (21)..(21)  
<223> 3'-3 attached terminal deoxyabasic moeity

<400> 691  
nnnnnnnnnnn nnnnnnnnnnn n  
21

Please explain the n's at locations 1 through 19 above. Same error in Sequence 692.

<210> 693  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<220>  
<221> misc\_feature  
<222> (1)..(19)  
<223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro and any purine nucleotide present is 2'-O-Methyl

<220>  
<221> misc\_feature  
<222> (20)..(21)  
<223> n stands for any nucleotide

<220>  
<221> misc\_feature  
<222> (20)..(21)  
<223> Phosphorothioate 3'-Internucleotide Linkage



<400> 693

nnnnnnnnnnnn nnnnnnnnnnn n

21

The <223> line describing n's from locations 1-19 exceeds the Sequence Rules' required 72-character line limit. Please adjust the line. Same error in subsequent sequences.

\*\*\*\*\*



Application No: 10607933 Version No: 2.0

**Input Set:****Output Set:**

**Started:** 2008-03-06 14:26:48.205  
**Finished:** 2008-03-06 14:26:54.758  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 553 ms  
**Total Warnings:** 708  
**Total Errors:** 37  
**No. of SeqIDs Defined:** 709  
**Actual SeqID Count:** 709

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
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W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
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W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)



**Input Set:**

**Output Set:**

**Started:** 2008-03-06 14:26:48.205  
**Finished:** 2008-03-06 14:26:54.758  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 553 ms  
**Total Warnings:** 708  
**Total Errors:** 37  
**No. of SeqIDs Defined:** 709  
**Actual SeqID Count:** 709

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 342	'n' position not defined found at POS: 2 SEQID(691)
E 342	'n' position not defined found at POS: 3 SEQID(691)
E 342	'n' position not defined found at POS: 4 SEQID(691)
E 342	'n' position not defined found at POS: 5 SEQID(691)
E 342	'n' position not defined found at POS: 6 SEQID(691)
E 342	'n' position not defined found at POS: 7 SEQID(691)
E 342	'n' position not defined found at POS: 8 SEQID(691)
E 342	'n' position not defined found at POS: 9 SEQID(691)
E 342	'n' position not defined found at POS: 10 SEQID(691)
E 342	'n' position not defined found at POS: 11 SEQID(691)
E 342	'n' position not defined found at POS: 12 SEQID(691)
E 342	'n' position not defined found at POS: 13 SEQID(691)
E 342	'n' position not defined found at POS: 14 SEQID(691)
E 342	'n' position not defined found at POS: 15 SEQID(691)
E 342	'n' position not defined found at POS: 16 SEQID(691)
E 342	'n' position not defined found at POS: 17 SEQID(691)
E 342	'n' position not defined found at POS: 18 SEQID(691)
E 342	'n' position not defined found at POS: 19 SEQID(691)
E 342	'n' position not defined found at POS: 1 SEQID(692)
E 342	'n' position not defined found at POS: 2 SEQID(692)
	This error has occurred more than 20 times, will not be displayed







# SEQUENCE LISTING

<110> Sirna Therapeutics, Inc.  
 McSwiggen, James  
 Beigelman, Leonid

<120> RNA Interference Mediated Inhibition of Alzheimer's Disease Using  
 Short Interfering Nucleic Acid (siNA)

<130> 400/120 (MBHB02-728-B)

<140> 10607933  
 <141> 2003-06-27

<150> PCT/US 03/04710  
 <151> 2003-02-18

<150> US 10/205,309  
 <151> 2002-07-25

<150> US 60/358,580  
 <151> 2002-02-20

<150> US 60/363,124  
 <151> 2002-03-11

<150> US 60/386,782  
 <151> 2002-06-06

<150> US 60/406,784  
 <151> 2002-08-29

<150> US 60/408,378  
 <151> 2002-09-05

<150> US 60/409,293  
 <151> 2002-09-09

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 <151> 2003-01-15

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<170> PatentIn version 3.2

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<210> 2  
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<210> 9  
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<210> 32  
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<210> 42  
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<210> 50

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cgaccuggua agcaucucc 19

<210> 51

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ccauggcccc aacgucacu 19

<210> 52

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ugugcgugcc aacauugcu 19

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<400> 53

ugccaucacu gaucagac 19

<210> 54



<211> 19  
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cgacucccug gagccuuuc

19

<210> 59

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cuuugacucu cugguaaag

19

<210> 60

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gcagaccac guucccaac

19

<210> 61

<211> 19

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ccucuucucc cugcagcuu

19

<210> 62

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<210> 63

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agucaaaaucc aucaaggca

19

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agccuccucc acggagaag

19

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guucccugau gguuucugg

19

<210> 80

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19

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